

Comparisons of Job Characteristics

Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013)

Associated Occupation: Derrick Operators, Oil and Gas (47-5011)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013)

Associated Occupation: Derrick Operators, Oil and Gas (47-5011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	13.5	14.8	0 Current knowledge level may be sufficient
Transportation	4.6	7.5	8.2	0 Current knowledge level may be sufficient
Building and Construction	4.0	6.6	3.3	<< Extensive education and/or training may be required
Physics	4.3	6.6	5.6	< Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013)

Associated Occupation: Derrick Operators, Oil and Gas (47-5011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	13.3	11.8	< A higher skill level may be required
Operation and Control	5.4	12.3	10.3	< A higher skill level may be required
Repairing	3.4	10.7	7.9	<< Extensive development of skills in this area may be required
Quality Control Analysis	5.9	10.3	8.7	< A higher skill level may be required
Troubleshooting	4.5	9.6	8.3	< A higher skill level may be required
Equipment Maintenance	3.5	9.4	7.7	< A higher skill level may be required
Equipment Selection	3.3	6.7	5.7	< A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 86			
Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013) Associated Occupation: Derrick Operators, Oil and Gas (47-5011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Multilimb Coordination	6.0	13.3	12.2	0	Current ability level may be sufficient
Control Precision	6.6	13.2	12.5	0	Current ability level may be sufficient
Reaction Time	4.8	12.8	10.3	<	Some improvement in abilities may be required
Extent Flexibility	4.8	12.6	8.8	<<	Extensive improvement in abilities may be required
Static Strength	5.0	12.3	8.4	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	11.9	9.5	<	Some improvement in abilities may be required
Depth Perception	5.3	11.9	10.8	<	Some improvement in abilities may be required
Stamina	4.0	10.3	6.9	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	10.2	8.6	<	Some improvement in abilities may be required
Speed of Limb Movement	3.2	9.2	6.7	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	7.4	5.7	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 76
Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013) Associated Occupation: Derrick Operators, Oil and Gas (47-5011)		
Work Activities	Exclusivity of Activity	
Control operation of compressors	76	
Operate power driven pumps	66	
Use hand or power tools	2	
Use precision measuring tools or equipment	17	
Use two-way radio or mobile phone	42	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013)

Associated Occupation: Derrick Operators, Oil and Gas (47-5011)

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.